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April 26, 2006

Mr. Jay Bento
Santa Ana Fire Department
1439 South Broadway
Santa Ana, California 92707

Sent via FedEx

Subject: Quarterly Site Status Report Submittal

Dear Mr. Bento:

On behalf of Atlantic Richfield Company, Delta Environmental Consultants, Inc. is submitting the enclosed Quarterly Site Status Report for the First Quarter 2006. The enclosed quarterly report was prepared for the following ARCO Facility:

ARCO Facility No.

206

Location

302 West First Street, Santa Ana

If you have any questions regarding this project, please contact Aaron Baird at (949) 360-5795.

Sincerely,

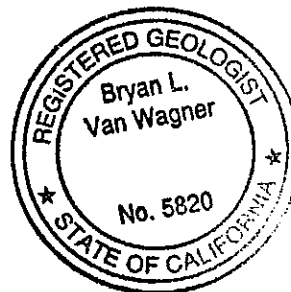
DELTA ENVIRONMENTAL CONSULTANTS, INC.

A handwritten signature in black ink, appearing to read "Aaron Baird".

Aaron Baird
Project Manager

A handwritten signature in black ink, appearing to read "Bryan Van Wagner".

Bryan Van Wagner
California Professional Geologist No. 5820
California Hydrogeologist No. 295



Enclosure: Atlantic Richfield Company Quarterly Site Status Report

cc: Mr. Bobby Lu, Atlantic Richfield Company, La Palma, California
Ms. Valerie Jahn-Bull, CRWQCB-Santa Ana Region, Riverside, California

ATLANTIC RICHFIELD COMPANY QUARTERLY SITE STATUS REPORT
FIRST QUARTER 2006
APRIL 26, 2006

ARCO Facility No.: 206 Address: 302 West First Street, Santa Ana, California
Atlantic Richfield Co. Environmental Manager / Phone No.: Bobby Lu / (714) 228-6783
Consulting Co. / Contact Person / Phone No.: Delta Environmental / Aaron Baird / (949) 360-5795
Primary Agency / Contact Person / Regulatory ID No.: Santa Ana Fire Department (SAFD) / Jay Bento

WORK PERFORMED DURING FIRST QUARTER 2006 (January, February, March):

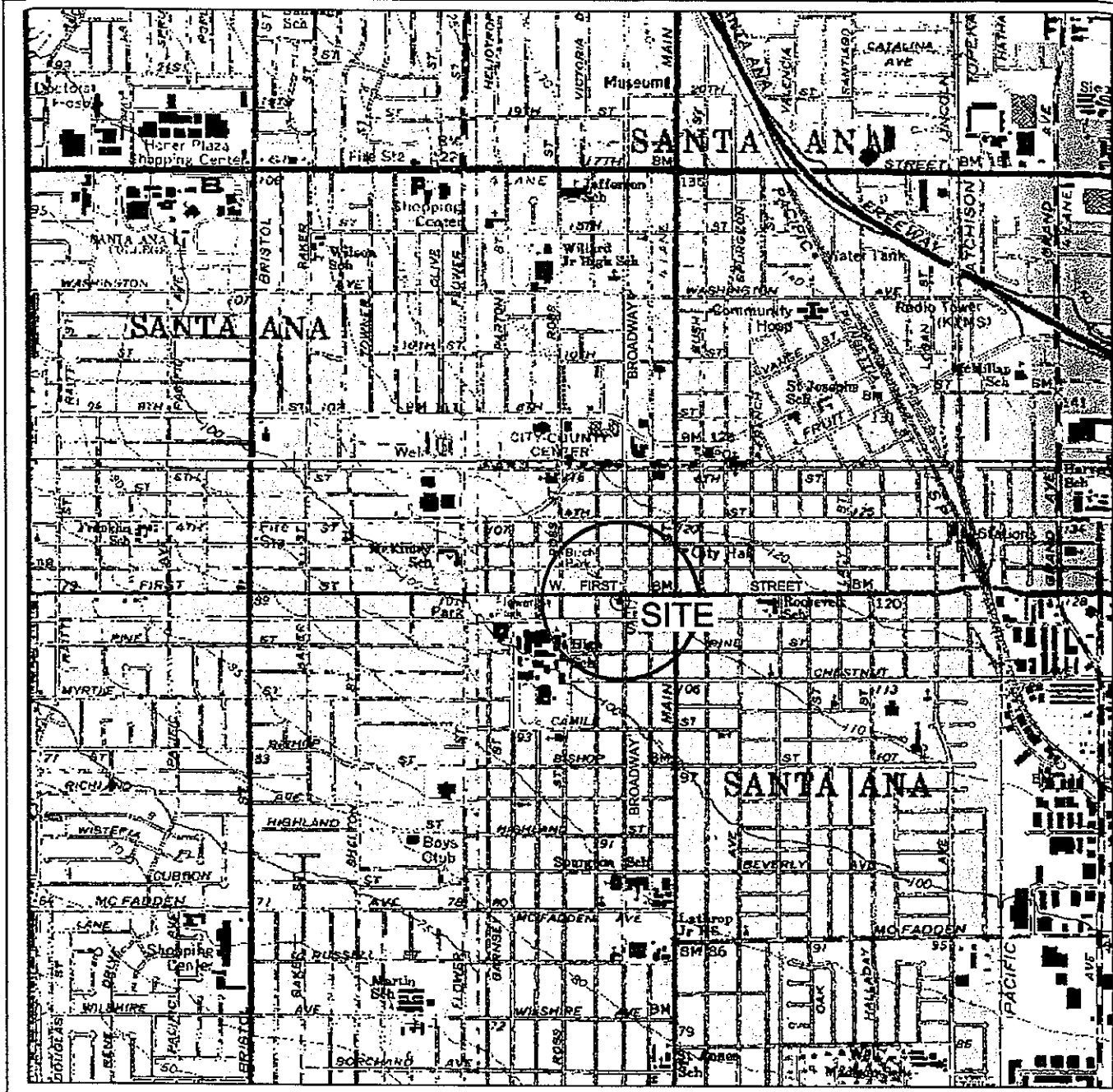
1. Submitted the fourth quarter 2005 *Quarterly Site Status Report*, dated January 10, 2006 to the SAFD.
2. Received letter from the SAFD dated March 6, 2006, approving Delta's recommendations in the *Confirmation Soil Borings Report*, dated November 21, 2005, for the over-drilling and re-installation of wells VW-6 and VW-15.
3. On April 3, 2006, over-drilled wells VW-6 and VW-15 and installed new well casing screened from 25 to 30 feet below ground surface. The well construction logs for VW-6 and VW-15 are presented as Attachment A.

WORK PROPOSED FOR SECOND QUARTER 2006 (April, May, June):

1. Submit first quarter 2006 site status report to the SAFD.
2. Reconnect wells VW-6 and VW-15 to the lateral soil vapor extraction (SVE) lines and begin SVE system operation. Continue operation and maintenance of the SVE system.

Current Phase of Project: Remediation
Hydrocarbons Recovered by SVE to Date: 17,838 pounds (1/3/05)
Permits for Discharge (No.): Site Specific SCAQMD Permit No. F44491
Water Wells or Surface Waters within 2000': Production wells SA-13 (scr 303-924'), SA-29 (scr 450-1050'), and SA-33 (scr 425-935') appx 1,800' west
Approximate Depth to Groundwater: 80 – 100 feet bgs
Groundwater Gradient: Regional - southwest

ATTACHMENTS: Site Location Map (Figure 1)
Site Map (Figure 2)
Well Construction Logs (Attachment A)



GENERAL NOTES:
 BASE MAP FROM 3-D TOPO QUADS
 TUSTIN AND NEWPORT BEACH, CA. QUADRANGLE
 7.5 MINUTE TOPOGRAPHIC MAP
 1965
 PHOTOREVISED 1981



QUADRANGLE LOCATION

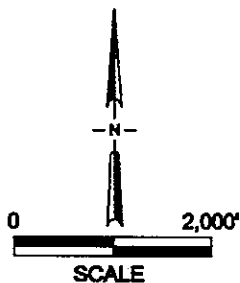


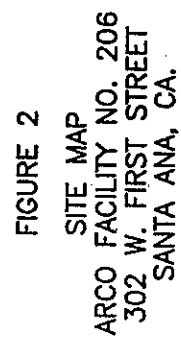
FIGURE 1

SITE LOCATION MAP
 ARCO FACILITY NO. 206
 302 W. FIRST STREET
 SANTA ANA, CA.

PROJECT NO. 00725	DRAWN BY K. MARTIN
FILE NO. AO-725-03	PREPARED BY A. BAIRD
DATE 04 JAN 05	REV. 0 REVIEWED BY



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 Environmental
 Consultants, Inc.



SITE MAP
ARCO FACILITY NO.
302 W. FIRST ST
SANTA ANA, CA

PROJECT NO. G0B5M	DRAWN BY K. MARTIN	
FILE NO. A0-725-04	PREPARED BY S. PEACHER	
DATE 25 oct 05	REV. 0	REVIEWED BY



VW-5	⊕	VAPOR EXTRACTION WELL LOCATION
CSB-1	•	SOIL BORING LOCATION
B10	⊙	HAND AUGER LOCATION
CSB-4	↔	ANGLED SOIL BORING LOCATION
PD01	▼	PRODUCT LINE SOIL SAMPLE LOCATION
TR09	▼	VENT LINE SOIL SAMPLE LOCATION
TK02	▼	UST SOIL SAMPLE LOCATION
SW01	▼	UST EXCAVATION SIDEWALL SOIL SAMPLE LOCATION
WTS01	▼	WASTE OIL UST SOIL SAMPLE LOCATION

ATTACHMENT A

Well Construction Logs



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BORING/WELL LOCATION SKETCH MAP



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WELL CONSTRUCTION LOG

BORING/WELL NO. VW-6		PROJECT NO./NAME G0B5M/ARCO Facility No. 206		LOCATION 302 West First Street	
DRILLING CONTRACTOR/DRILLER Cascade Drilling, Inc./Julio G.		GEOLOGIST/OFFICE Heather Walling/Orange County		APPROVED BY Bryan Van Wagner, P.G. No. 5820	
DRILLING EQUIPMENT/METHOD CME-75 LAR/HSA		SIZE/TYPE OF BIT 10"/Soil		SAMPLING METHOD	START/FINISH DATE 4/3/06-4/3/06
WELL INSTALLED? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CASING MAT./DIA. Sch 40 PVC/2"	SCREEN: TYPE Slotted		MAT. Sch 40 PVC	LENGTH 5'
ELEVATION OF: (FT. ABOVE M.S.L.)	GROUND SURFACE	TOP OF WELL CASING	TOP & BOTTOM SCREEN	GW SURFACE	SLOT SIZE 0.03 DATE

WELL CONSTRUCTION

LITHOLOGY

SAMPLING DATA

Depth, feet	Steel Well Box	Locking Well Cap	Graphic Log	Visual Description	Penetration Rate (Blows/ft.)	Sample No. and Interval	PID Values (ppm)
5					5		
10					10		
15					15		
20					20		
25					25		
30					30		

Over-drilled pre-existing well to 33 feet below ground surface (ft bgs). Backfilled with benonite chips from 30 to 33 ft bgs. Set new well screened from 25 to 30 ft bgs.



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BORING/WELL NO.

VW-15

WELL CONSTRUCTION LOG

PROJECT NO./NAME

GOB5M/ARCO Facility No. 206

DRILLING CONTRACTOR/DRILLER

Cascade Drilling, Inc./Julio G.

GEOLOGIST/OFFICE

Heather Walling/Orange County

DRILLING EQUIPMENT/METHOD

CME-75 LAR/HSA

LOCATION

302 West First Street

Santa Ana, California

APPROVED BY

Bryan Van Wagner, P.G. No. 5820

SIZE/TYPE OF BIT

10"/Soil

SAMPLING METHOD

START/FINISH DATE

4/3/06-4/3/06

WELL INSTALLED?

YES ☒ NO ☐

CASING MAT./DIA.

Sch 40 PVC/2"

SCREEN:

TYPE Slotted

MAT. Sch 40 PVC

LENGTH 5'

DIA. 2"

SLOT SIZE 0.03

ELEVATION OF:

GROUND SURFACE

TOP OF WELL CASING

TOP & BOTTOM SCREEN

GW SURFACE

DATE

(FT. ABOVE M.S.L.)

WELL CONSTRUCTION

LITHOLOGY

SAMPLING DATA

